Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Division

Name of Work: Improvements to roads and drains at AMS layout and Muneshwara Layout in ward no-03 of Yelahanka Satellite Town Sub Division

1 Improvements to roads and drain at cross and main roads in AMS Layout in ward no. 03, Attur

2 Improvements to roads and drain at 8th, 9th, 10th and 11th cross roads in Muneshwara layout in ward no. 03, Attur

Quantity Abstract (Estimate Wise)

Sl No	Description of Item	Unit	Ambhabhavani Layout	Maruthi Layout	Total Quantity as per Estimation	Rate, Rs	Amount, Rs
			1	2			
1	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum	1365.54	1322.20	2687.74	220.40	592377.90
2	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)	Cum	210.87	205.28	416.15	5421.90	2256296.58
3	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification. (P.No.271, I.No.37.59.2 of PW, P&IWTD S.R 2018-19)	Cum	403.71	420.01	823.72	7070.20	5823887.77

4	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500. (P.No.239, I.No.29.29.2 of PW, P&IWTD S.R 2018-19)	Tn	24.43	25.70	50.12	73992.24	3708719.56
5	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	1134.00	1008.75	2142.75	2337.00	5007806.75
6	Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	15.84	38.40	54.24	5418.00	293872.32

Construction Cost	17682761
12% GST	2121931
PMC Charges	194900
Sub Total	19999592
Miscellaneous	408
Grand Total	20000000

Administrative Sanction for Rs. 200 - 00 lakhs
Two crores only
Accorded under Head P.3296
with Finance vide 2019-20

Registered as CE No. ..... Subject
to conditions contained in enclosed memo
No EE/YNK/ASST/AG/2020-21 Dt: 1.9.2020

Executive Engineer

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 20-05-2020 and Data Rates

Technical Sanction
Accorded For 2.000 CY
Head of A/C 14th Finance
CER NO :36/2020-21 Dt:01-09-2020

TA — CE (YNK)

Assistant Engineer
Yelahanka Division
BBMP Bangalore

Asst. Executive Engineer
Yelahanka Division
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore